



Experimental Gulf of Mexico Harmful Algal Bloom Bulletin

8 April 2003

National Ocean Service/NCCOS and CSC

NESDIS/CoastWatch and NDBC

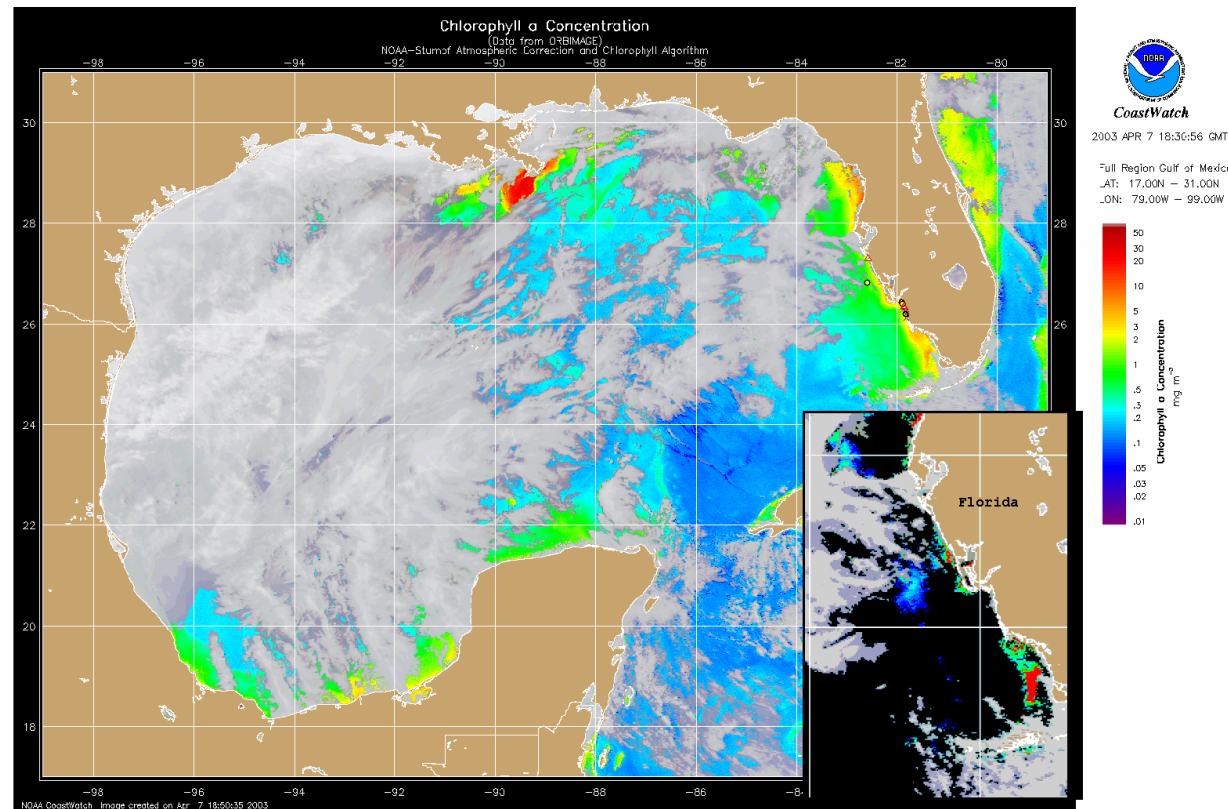
Last bulletin: April 3, 2003

Analysis SW Florida:

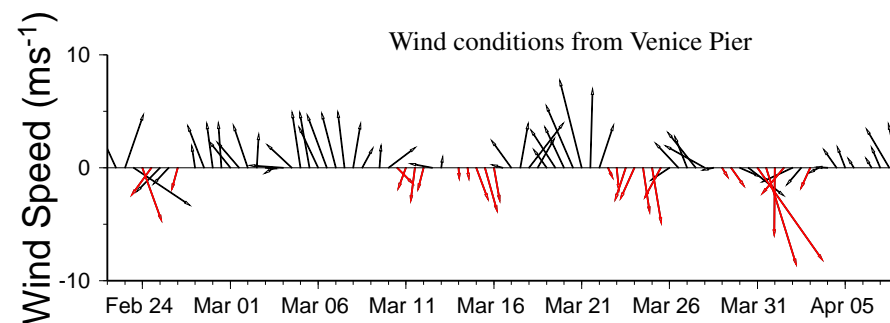
The *K. brevis* bloom remains intense from Venice to Ft. Meyers. The loss of the *K. brevis* flag at Sanibel is a result of bloom persistence. Chlorophyll has reached 10 ug/L in some areas. Medium counts on April 2 confirm bloom presence. Manatee deaths have been reported in the Venice/Captiva/Sanibel area starting in March.

In addition, the flag from Marco Island southward still persists.

-Tomlinson



Chlorophyll concentration (above) and possible HAB areas shown in red (inset). Cell concentration sampling data from April 4, 2003 shown as red squares (high), red triangles (medium), red circles (low), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).



Wind speed and direction are averaged over 12 hours from measurements made on NOAA buoys. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast.

Southeast winds are expected to turn northwest by Wednesday, which may produce aerosols at the coast.

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